

## Submittal Data Sheet

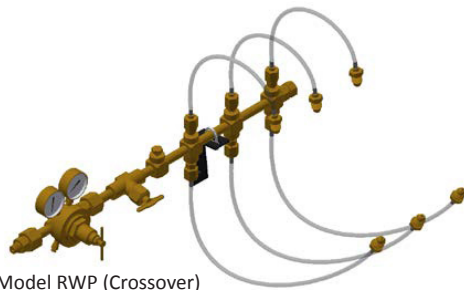
### Features

- Model SR450 series regulator included.
- Manifold outlet is ½ M NPT.
- High quality brass master shut-off valve included.
- Oxygen models include rigid copper pigtails 24" single loop design.
- Flexible stainless steel Teflon lined pigtails provided with all other gas services.
- Staggered & vertical crossover headers include 24" and 36" flexible stainless steel pigtails.
- Maximum pressure 3,000 psig.

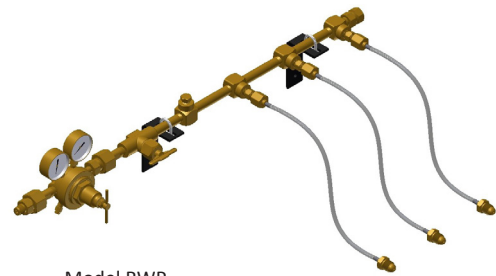
- Wall mounting brackets included.
- Built to accommodate future expansion by adding optional header extensions.
- Made in the USA.

RWP systems are designed for level I and level II installations requiring a permanent back-up or emergency reserve system. All systems are cleaned for use with oxygen in accordance with CGA G4.1, tested and built in accordance to Compressed Gas Association (CGA) and National Fire Protection Association (NFPA 99) guidelines.

### Design



Model RWP (Crossover)



Model RWP

### Ordering Information

PX- **T T T T T G G G N N C H E P L L**

\*NOTE: RWP & RWPHP = 1 order for header only  
All headers pigtails are 36" long, except 540 Gass = Copper 24"

**L = Pigtail Length**

24" 36"

**P = Pigtail Type**

C - Copper F - Stainless Steel Flexible

**E = External Configuration**

- B - Plug (PX-17-0158)
- T - Adapter, Transducer (PX-17-0150)
- N - Set-up #1 Adapter (PX-17-0150) & Transducer (PX-14-3001-12) 12ft Cable, Check Valve (PX-CV-050F), Transducer (PX-14-3002) (Install at factory in intermediate block of Manifold Cabinet) Set-up #2 Adapter (PX-17-0150) & transducer (PX-147-3001) with 4' cable
- P - Adapter, Pressure Switch (PX-17-0229)
- W - Adapter (PX-17-0229) & Pressure Switch (PX-PS-160-3200)

**H = Header Configuration**

S - 5" Staggered V - 5" Vertical Crossover

**C = Cabinet Set-up**

1 - Emergency Reserve 2 - Right Bank

**N = Number of Ports**

02 through 99

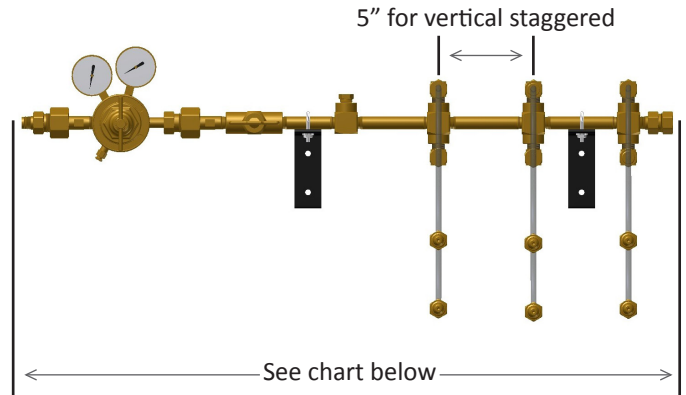
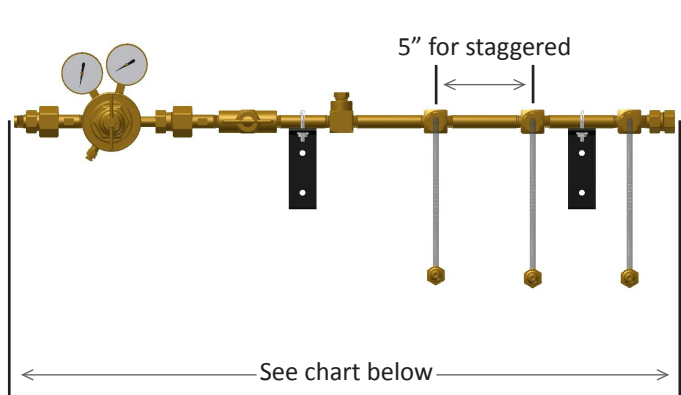
**G = Gas Service**

320- CO2 326- N2O 346- Medical Air 540- Oxygen 580- N2, Ar & He

**T = Control Type**

RWP - Standard 0-125 PSI RWPHP - High Pressure 0-200 PSI

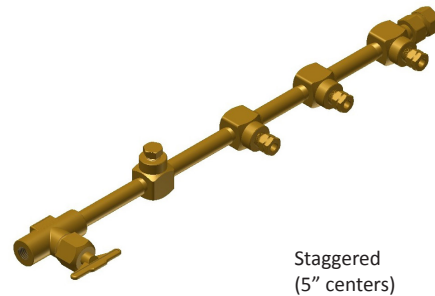
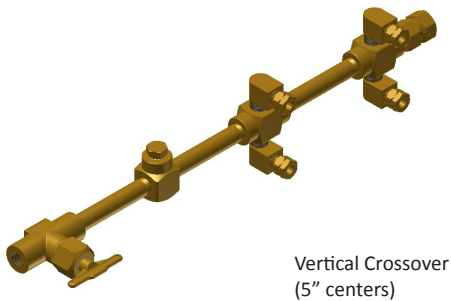
## Dimensional Drawings



## Design Lengths

Total # of cylinders	3	4	5	6	7	8	9	10
RWP – staggered 5" centers	3' – 3"	3' – 8"	4' – 1"	4' – 6"	4' – 11"	5' – 4"	5' – 9"	6' – 2"
RWP – vertical crossover (5" centers)	N/A	2' – 2"	N/A	2' – 7"	N/A	3' – 0"	N/A	3' – 5"

## Header Configurations



## Ambient Temperature Limits

Maximum Temperature:	130°F / 54.4°C
Minimum Temperature:	
Nitrous Oxide	20°F / -6°C
Carbon Dioxide	20°F / -6°C
All other gases	0°F / -17°C

Note: N<sub>2</sub>O and CO<sub>2</sub> limits are due to diminishing vaporization rates and vapor pressures of cylinders at colder ambient temperatures. Other limits are based on elastomer manufacturers' working temperature limits.